DECLARATIO	N FOR UTILITY OR	Attorney Docket Nur	nber	000166.0109-US01					
1	ESIGN	First Nam d Invento	r	David	David Edwards				
	APPLICATION	C	OMPL	ETE IF	KNOWN				
(37)	CFR 1.63)	Application Number	10/26	8,059	-Conf. #953	6			
Declaration Submitted	X Declaration Submitted after Initial	Filing Date	Octob	October 10, 2002					
with Initial OR	Filing (surcharge	Art Unit	N/A	N/A					
Filing	(37 CFR 1.16 (e)) required)	Examiner Name	Not Y	et As:	signed				
As the below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: INHALATION DEVICE AND METHOD									
the specification of which is attached hereto OR X was filed on 10/10/2002 as United States Application Number or PCT International Application No.									
10/268,05	and was amended on					(if applicable).			
I hereby state that I have	e reviewed and understand the co	intents of the above ident	ified spe	ecificati	on, including th	e claims, as			
I acknowledge the duty continuation-in-part app	to disclose information which is m lications, material information whice mational filing date of the continua	naterial to patentability as th became available betw	defined ween the	in 37 (filing o	OFR 1.56, includate of the prior	ding for application and			
inventor's or plant breed country other than the U application for patent, in	niority benefits under 35 U.S.C. 11 der's rights certificate(s), or 365 (a Inited States of America, listed bei eventor's or plant breeder's rights of ation on which priority is claimed.) of any PCT international low and have also identifi	l applica ed belov	ation wh w. by cl	nich designated necking the box	at least one			
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Prio Not Ci		Certified Co	opy Attached?			
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:									

	DECLARATION — Utility or D sign Pat nt Application									
Direct all com		omer Number. Ir Code Label		26853		OR Correspondence address below				
Name COVINGTON & BURLING										
1201 Pennsylvania Avenue, NW										
City	Washington		-	State	DC	ZIP 20004-2401				
	USA	Telephone		62.6000		Fax 202.662.6291				
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.										
NAME OF S	SOLE OR FIRST INVENTOR	!:		A petition has been filed for this unsigned inventor						
Given Name (first and mid	David			ily Name umame	Edwards					
Inventor's Signature	1/2	-				Date 1-7-03				
Residence: C	Boston City	MA State	Country	USA	USA USA -					
Mailing Address:	171 Commonwealth	Avenue, Unit	: 3							
City	Boston	MA State	ZIP	02116		USA Country				
NAME OF S	SECOND INVENTOR:				A petition h	nas been filed for this unsigned inventor				
Given Name (first and mid	idle (if any))	Colleen	•		ily Name urname	Conlon				
Inventor's Signature	Silver Lawrence	london				Date //7/09				
Residence: C	Somerville Sity	MA State	Country	USA		USA				
Mailing Address:	108 Puritan Road									
City	Somerville	MA State	ZIP	02145		USA Country				
X Addit	tional inventors are being named	on the 3	supplem	ental Additio	nal inventor	(s) sheet(s) PTO/SB/02A attached hereto.				

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USA

Country

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	DECLARA	TION			ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 3				
Name of Ac	ditional Joint Invento	or, if any:					A petition	has been filed for this unsigned inventor	
Given Name (first and mic	Given Name (first and middle [if any]) David L.				Family Name Foshee			Foshee	
Inventor's Signature								Date	
Residence: 0	Apex	No.	С	Country		SA		USA Citizenship	
Mailing Address:	2450 Laura Dun	can Road	I						
City	Apex	N(State	С	ZIP	27	523		USA	
Name of Additional Joint Inventor, if any:							A petition i	has been filed for this unsigned inventor	
Given Name Jaso (first and middle [if any])			son R.				ily Name urname	Durkin	
Inventor's Signature					Date			Date	
Residence: C	Apex NC state C			Country	-	SA		USA Citizenship	
Mailing Address:	2450 Laura Dun	can Road						.•	
City	Apex	NO State	0	ZIP	27	523		USA	
Name of Ad	Iditional Joint Invento	or, if any:			A petition has been filed for this unsigned inventor				
Given Name (first and mid	idle [if any])		Tim		Family Name Coker				
Inventor's Signature	Tum Coffee	~		•				Date 01/07/03	
M Residence: C	errimack ity	N) State	1	Country	_	SA		USA Citizenship	
Mailing Address:	2 Landau Way								
City	errimack	NI State	1	ZIP	03	054		USA	
Name of Ad	iditional Joint Invento	or, if any:					A petition I	nas been filed for this unsigned inventor	
Given Name (first and mid	Given Name (first and middle [if any]) Kevin				Family Name Stapleton			Stapleton	
Inventor's Signature								Date	
Residence: C	Boston lity	M/ State	4	Country		SA		Canada Citizenship	
Mailing Address:	266 Shawmut Av	venue, Ap	artment	3					

MA

State

Boston

City

02118

ZIP

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DECLARATION					ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 3					
Name of Ac	Iditional Joint Invent	or, if any:			A petition has been filed for this unsigned inventor					
Given Name (first and mid	idle [if any])		Sarah		Family Name Oreesen					
Inventor's Sanah drul						Date 1/7/03				
Residence: C	Medford City	M. State	MA USA Country			A	USA			
Mailing Address:	527 Main Street									
City	Medford	M, State	MA 02155			55	USA			
Name of Ad	ditional Joint Invent	or, if any:				A petition i	has been filed for this unsigned inventor			
Given Name (first and mid	dle [if any])	١	Mark			amily Name or Surname	DeLong			
Inventor's Signature	Mark De	Jung					Date 1/7/03	,		
Residence: C	Newton ity	State	A	USA			USA Citizenship			
Mailing Address: 266 Grove Street, Apartment 9										
City	Newton	M/ State	4	ZIP	0246	66	USA			
Name of Ad	ditional Joint Invento	or, if any:				A petition r	has been filed for this unsigned inventor			
Given Name (first and mide	dle [if any])	Ar	ndrew			Family Name Jones or Surname				
Inventor's Signature				_	`		Date			
Residence: Ci	oslindale ity	MA State	4	Country	USA	4	USA Citizenship			
Mailing Address:	112 Beech Stree	et								
City	slindale	State MA	1	ZIP (0213	11	Country			
Name of Add	ditional Joint Invento	r, if any:				A petition h	nas been filed for this unsigned inventor			
Given Name (first and midd	ile (if anyj)	R	tyan			amily Name r Surname	McManus			
Inventor's Signature							Date	<u> </u>		
Ca Residence: Ci	mbridge ty	MA State		Country	USA	1	USA			
Mailing Address:	220 Windsor Stre	eet, #1								
City	mbridge	MA State		ZIP (0213	9	USA			

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	DECLARA				ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3				
Name of Ac	dditional Joint Invent	or, if any:	T			A petition	has been filed for this unsigned inventor		
Given Name (first and mid	ddle [if any])	Marg	aret Milla	 ar		mily Name	Saunders		
Inventor's Signature	1. 2JH				1 01	Surname			
	ambridge	M. State	Α	Country	JSA		USA Citizenship		
Mailing Address: P.O. Box 425410							· ·		
City	Cambridge MA 02142			?	Country				
Name of Additional Joint Inventor, if any:					A petition	has been filed for this unsigned inventor			
Given Name (first and mid	idle [if any])	Ro	bert W.			nily Name Surname	Spaller		
Inventor's Signature	rentor's					Date			
Al Residence: C	mesbury lity	State M/	MA USA State Country			USA Citizenship			
Mailing Address:	356 Main Street			,					
City	mesbury	State M/	A	O1 ZIP	1913		USA		
Name of Ad	Iditional Joint Invento	or, if any:				A petition I	has been filed for this unsigned inventor		
Given Name (first and mid	idle [if any])	Ar	ndrew			nily Name Surname	Ziegler		
Inventor's Signature							Date		
A Residence: C	Arlington City	State M/	A	Country	JSA		USA Citizenship		
Mailing Address:	11 Cedar Avenu	e							
City	Arlington	State MA	Α .	ZIP 02	2476		USA		
Name of Ad	ditional Joint Invento	x, if any:				A petition h	has been filed for this unsigned inventor		
Given Name (first and mide	dle [if any])		<u> </u>			nily Name Surname			
Inventor's Signature							Date		
Residence: C	ity	State		Country					
Mailing Address:									
City		State		ZIP			Country		

Country

DECLARATIO	N FOR UTILITY OR	Att mey Docket Num	01								
	ESIGN	First Named Inventor	, D	avid Edwards							
	APPLICATION	C	OMPLET	TE IF KNOWN							
(37 (CFR 1.63)	Application Number	10/268,	,059-Conf. #953	6						
Declaration Submitted	X Declaration Submitted after Initial	Filing Date	October 10, 2002								
with Initial OR Filing	Filing (surcharge	Art Unit	N/A								
rilling	(37 CFR 1.16 (e)) required)	Examiner Name	Not Yet Assigned								
As the below named inventor, I hereby declare that:											
My residence, mailing a	ddress, and citizenship are as sta	ited below next to my nam	10.								
I believe I am the original a	and first inventor of the subject matte	r which is claimed and for w	hich a pate	ent is sought on the in	vention entitled:						
INHALATION DEVICE AND METHOD											
the specification of w		itle of the Invention)									
		,									
is attached here	eto										
x was filed on	10/10/2002 as Unite	ed States Application Num	her or PC	T International Ann	dication No						
					nication No.						
10/268,05	and was amended on			·	(if applicable).						
I hereby state that I have amended by any amend	e reviewed and understand the co Iment specifically referred to above	ontents of the above identive.	fied speci	ification, including th	ne claims, as						
I acknowledge the duty	to disclose information which is n	naterial to patentability as	defined in	n 37 CFR 1.56, inclu	ding for						
continuation-in-part appli the national or PCT inter	lications, material information whi mational filing date of the continu	ch became available betw ation-in-part application.	een the fil	ling date of the prior	r application and						
I hereby claim foreign pr inventor's or plant breed country other than the U application for patent, in before that of the applica	the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.										
Prior Foreign Application		Foreign Filing Date	Priority	7	opy Attached?						
Number(s)	Country	(MM/DD/YYYY)	Not Clain	ned YES	NO						
Additional foreig	Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:										

DECLARATION — Utility or D sign Patent Application									
Direct all corresponder		omer Number ar Code Label		2685	3	OR Correspondence address be			
Name COVINGTON & BURLING									
Address 1201	Address 1201 Pennsylvania Avenue, NW								
city Wash	ington			State	DC		ZIP 20004-2401		
Country USA		Telephone	202.6	62.600	00		Fax 202.662.6291		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF SOLE OR FIRST INVENTOR:					A petition has been filed for this unsigned inventor				
Given Name David (first and middle [if any])					amily Name r Surname		Edwards		
Inventor's Signature	:/2					Date	1-7-03		
Bos Residence: City	ton	MA State	Country		USA USA .				
Mailing Address: 171	Commonwealth	Avenue, Unit	3						
Bos	ton	MA State	ZIP	02116 USA					
NAME OF SECOND	INVENTOR:				A petition h	as bee	n filed for this unsigned inventor		
Given Name (first and middle [if ar	y]) .	Colleen			amily Name Surname		Conlon		
inventor's Signature	Laure	Conton				Date	1/7/03		
Some Residence: City	rville	MA State	Country	USA		Citize	USA		
Mailing 108 i	Puritan Road								
Some	rville	MA State	ZIP	0214	5	Coun	USA try		
X Additional inve	intors are being named	on the 3	suppleme	ental Add	itional Inventor	(s) shee	et(s) PTO/SB/02A attached hereto.		

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	DECLARATION -					ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 3				
Name of Ac	Iditional Joint Invento	or, if any:					A petition	has been filed for this unsig	ned inventor	
Given Name (first and mic	idle [if any])	D	avid L.			Family Name Foshee			nee	
Inventor's Signature							Date			
Apex NC Residence: City State			С	Cour	_	SA		USA Citizenship		
Mailing Address:										
City	Apex	N State	С	ZIP	27	523		US/ Country	A	
Name of Ad	Iditional Joint Invento	or, if any:					A petition I	nas been filed for this unsig	ned inventor	
Given Name (first and middle [if any]) Jason R.					illy Name urname	· Durk	ki n			
Inventor's Signature	nventor's					Date				
Residence: C	Apex	State N	IC USA				USA Citizenship			
Mailing Address: 2450 Laura Duncan Road								٠.		
City	Apex	. State	С	ZIP	27	523		USA	A	
Name of Ad	ditional Joint Invento	or, if any:		A petition i			A petition I	has been filed for this unsigned inventor		
Given Name (first and mid	ldle [if any])		Tim				ily Name urname	Coke	er	
Inventor's Signature	Tum Cope	1						Date 01/07/03		
M Residence: C	errimack ity	NI State	Н	Cour	_	SA		US/ Citizenship	4	
Mailing Address:	2 Landau Way									
M City	errimack	NI State	+	ZIP	03	054		Country	4	
Name of Ad	ditional Joint Invento	r, if any:					A petition I	as been filed for this unsign	ned inventor	
Given Name (first and mid	dle (if any))	K	(evin				ily Name umame	Staple	eton	
Inventor's Signature								Date	^	
Residence: C	Boston ity	M. State	A	USA Country				Cana Citizenship	da	
Mailing Address:	266 Shawmut Av Apartment 3	venue, Ap	artment	3						
City	Boston	M. State	A	ZIP	02	118		USA	4	

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		Supplemental Sheet Page 2 of 3						
Name of A	dditional Joint Invent			A petition	has been filed for this unsigned inventor			
Given Name (first and m	iddle [if any])	Sa	arah		mily Name Surname		Dreesen	
inventor's Signature	sarah	dre	·			Date 1/7	103	
Residence:	Medford city	MA State	Cour	USA		Citizenship	USA	
Mailing Address:	527 Main Street							
City	Medford	State MA	ZIP	0215	5	Country	USA	
Name of A	dditional Joint Invent	or, if any:			A petition	has been filed for the	his unsigned inventor	
Given Name (first and mi	iddle [if any])	М	ark		mily Name Surname		DeLong	
Inventor's Signature	Mark De	Jag				Date 1/7/	03	
Residence:	Newton City	MA State	Cour	USA		Citizenship	USA	
Mailing Address:	266 Grove Stree	et, Apartme	nt 9					
City	Newton	MA State	ZIP	02466	3	Country	USA	
Name of A	dditional Joint Invento	or, if any:			A petition	has been filed for th	nis unsigned inventor	
Given Name (first and mi	ddie [if any])	And	irew		mily Name Surname		Jones	
inventor's Signature						Date		
	Roslindale city	MA State	Cour	USA		Citizenship	USA	•
Mailing Address:	112 Beech Stree	et						
City	Roslindale	MA State	ZIP	02131		Country	USA	
Name of A	dditional Joint Invento	or, if any:	 -		A petition I	has been filed for th	nis unsigned inventor	
Given Name (first and mi	ddie [if any])	Ry	/an		mily Name Surname	1	McManus	
Inventor's Signature						Date		
	ambridge сну	MA State	Coun	USA		Citizenship	USA	
Mailing Address:	220 Windsor Str	eet, #1						
City	ambridge	MA State	ZIP	02139)	Country	USA	

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DECLARATION					ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3				
Name of Ad	dditional Joint Invento	or, if any:			A petition has been filed for this unsigned inventor				
Given Name (first and mid		Marg	aret Milla	ır			nily Name Surname	Saunders	
inventor's Signature								Date	
Ca Residence: C	ambridge City	State M.	A	Cour	_	SA		USA Citizenship	
Mailing Address: P.O. Box 425410									
City	ambridge	State M/	A	ZIP	02	142		USA Country	
Name of Ad	ditional Joint Invento	x, if any:					A petition I	has been filed for this unsigned inventor	
Given Name (first and mid	idle [if any])	Rol	bert W.				nily Name	Spaller	
Inventor's Signature								Date	
Ar Residence: C	mesbury City	M/ State	A	Coun		SA		USA Citizenship	
Mailing Address:	356 Main Street								
Ar City	mesbury	M/ State		ZIP	01	913		USA	
Name of Ad	ditional Joint Invento	x, if any:					A petition h	has been filed for this unsigned inventor	
Given Name (first and mid	idle [if any])	Ar	ndrew				nily Name urname	Ziegler	
Inventor's Signature							٠.	Date	
A Residence: C	Arlington Sty	State MA	A	Coun		SA		USA Citizenship	
Mailing Address:	11 Çedar Avenu	e							
City	Arlington	State MA		ZIP	024	476		USA	
Name of Ad	Iditional Joint Invento	or, if any:					A petition h	has been filed for this unsigned inventor	
Given Name (first and mide	Idle [if any])		<u></u>				ily Name urname		
Inventor's Signature								Date	
Residence: C	lity	State		Coun	ntry			Citizenship	
Mailing Address:									
City		State		ZIP			_	Country	

DECLARATIO	N FOR UTILITY OR	Att rn y Docket Nur	nber 0001	66.0109-US	01
_	ESIGN	First Nam d Invento	r David	d Edwards	
	APPLICATION	С			
(37 (CFR 1.63)	Application Number	10/268,059	9-Conf. #953	6
Declaration Submitted	X Declaration Submitted after Initial	Filing Date	October 10, 2002		
with Initial OR	Filing (surcharge	Art Unit	N/A		
riiiig	(37 CFR 1.16 (e)) required)	Examiner Name	Not Yet As	signed	
My residence, mailing a	inventor, I hereby declare ddress, and citizenship are as st and first inventor of the subject matt	ated below next to my nam		sought on the in	vention entitled:
INHALATION DE	EVICE AND METHOD				
the specification of w		Fitle of the Invention)			
is attached here					
OR	310				
x was filed on	10/10/2002 as Unit	ted States Application Nun	nber or PCT In	itemational App	lication No.
10/268,05	9 and was amended on		· · · · · · · · · · · · · · · · · · ·		(if applicable).
	e reviewed and understand the coment specifically referred to abo		ified specificat	ion, including th	e claims, as
continuation-in-part appl	to disclose information which is ications, material information wh mational filing date of the continu	ich became available betv			
inventor's or plant breed country other than the U application for patent, in:	iority benefits under 35 U.S.C. 1 er's rights certificate(s), or 365 (i nited States of America, listed b ventor's or plant breeder's rights ation on which priority is claimed	 a) of any PCT internationa elow and have also identificate(s), or of any PC 	I application will be dead to be low, by o	hich designated thecking the box	at least one c, any foreign
Prior Foreign Application	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified C	opy Attached?
Number(s)	Country	(1111)			
Additional foreig	n application numbers are listed	on a supplemental priority	data sheet P1	O/SB/02B attac	hed hereto:

	DECLARATION — Utility or Design Patent Application									
Direct all corre	Tespondence to: X Customer Number or Bar Code Label			26853			OR Correspondence address below			
Name	COVINGTON & BURL	ING								
1201 Pennsylvania Avenue, NW										
City	Washington			Stat	• DC		ZI	IP.	20004-2401	
Country	USA	Telephone	202.6	62.6	000		F	ax	202.662.6291	
belief are be the like so m	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF S	SOLE OR FIRST INVENTOR	:		A petition has been filed for this unsigned			r this unsigned inventor			
Given Name (first and mid	idle (if any))	David	David			Family Name or Surname			Edwards	
inventor's Signature							Date			
Residence: C	Boston City	MA State	USA Country Citt			Citizens	hip	USA .		
Mailing Address:	171 Commonwealth	Avenue, Unit	3							
City	Boston	MA State	ZIP	02116 co			Country		USA	
NAME OF S	SECOND INVENTOR:				A pet	ition ha	as been fi	led fo	r this unsigned inventor	
Given Name (first and mid	Idle [if any])	Colleen			Family Nat or Surnam				Conlon	
Inventor's Signature							Date			
Residence: C	Somerville	MA State					Citizens	hip	USA	
Mailing Address:	108 Puritan Road									
City	Somerville	MA State	ZIP	02	145		Country		USA	

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DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 3					
Name of Ac	A petitio				A petition I	n has been filed for this unsigned inventor			
Given Name (first and middle [if any])			avid L.				ily Name urname	Foshee	
Inventor's Signature								Date	
Residence: 0	Apex	N(State	С	Coun	-	SA		USA Citizenship	
Mailing Address:	2450 Laura Dun	can Road	ļ						
City	Apex	N(State	C	ZIP	27	523		USA	
Name of Ac	ditional Joint Invento	r, if any:					A petition i	has been filed for this unsigned inventor	
Given Name (first and mid	idle [if any])	Ja	son R.		,		ily Name umame	Durkin _	
Inventor's Signature								Date	
Residence: C	Apex	N(State	3	Count	_	SA		USA Citizenship	•
Mailing Address:	2450 Laura Dun	can Road							
City	Apex	N(State	3	ZIP	27	523		USA Country	
Name of Ac	dditional Joint Invento	r, if any:			A petition has been filed for this unsign			has been filed for this unsigned inventor	
Given Name (first and mic	idle [if any])		Tim				lly Name	Coker	
Inventor's Signature			-					Date	
	lerrimack	NI State	IH Country		USA		•	USA Citizenship	
Mailing Address:	2 Landau Way								
City	lerrimack	NI State	4	ZIP	03	054		USA	
Name of Ac	iditional Joint Invento	r, if any:	Ī	l			A petition h	has been filed for this unsigned inventor	
Given Name (first and mic		۲	(evin		-		ly Name	Stapleton	
Inventor's Signature								Date	
	Boston	M. State	Ā	Count		SA		Canada Citizenship	
Mailing Address:	266 Shawmut Av Apartment 3		artment						
City	Boston	M. State	A	ZIP	02	118		USA	

Please type a plus sign (+) inside this box	+	
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DECLAR		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 3					
Name of Additional Joint Invent	or, if any:			has been filed for this unsigned inventor			
Given Name (first and middle [if any])	Saral	h		mily Name Surname	Dreesen		
inventor's Signature			-	2	Date		
Medford Residence: City	MA State	Cou	USA		USA Citizenship		
Mailing Stree 527 Main Stree	ł	•					
Medford City	MA State	ZIP	0215	5	USA		
Name of Additional Joint Invent	or, if any:			A petition I	has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Mark			mily Name Surname	DeLong		
Inventor's Signature					Date		
Newton Residence: City	MA State	Cou	USA ntry	\	USA Citizenship		
Mailing Address: 266 Grove Stre	et, Apartment	9					
Newton	MA State	ZIP	0246	6	USA Country		
Name of Additional Joint Invent	or, if any:	A petition			has been filed for this unsigned inventor		
Given Name (first and middle [l/an/])	Andre	w		mily Name Surname	Jones		
Inventor's Signature Children	hu	っ		:	Date 01/15/03		
Roslindale Residence: City	MA State	Cou	USA ntry		USA Citizenship		
Mailing Address: 112 Beech Stre	et		•		·		
Roslindale city	MA State	ZIP	0213	1	USA Country		
Name of Additional Joint Invent	or, if any:			A petition i	has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Ryar	1		mily Name Surname	McManus		
Inventor's Signature	Ill	>			Date 01/15/03		
Cambridge Residence: City	MA State	Cou	USA		USA Citizenship		
Mailing Address: 220 Windsor St	reet, #1						
Cambridge	MA	ZIP	0213	9	USA		

Please type a plus sign (+) inside this box	+	ĺ
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DECLARA	ATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3					
Name of Additional Joint Invent	or, if any:			A petition t	nas been filed for this unsigned inventor			
Given Name (first and middle [if any])	Margaret M	Margaret Millar			Saunders			
Inventor's Signature Margane	et lic	5,,,	na	11-	Date 1/15/03			
Cambridge Residence: City	MA State	Cou	U	SA	USA Citizenship			
Mailing Address: P.O. Box 425410								
Cambridge	MA State	ZIP	02	142	USA Country			
Name of Additional Joint Invent	or, if any:			A petition i	nas been filed for this unsigned inventor			
Given Name (first and middle (if apy))	Robert W	1.	/,	Family Name or Surname	Spaller			
Inventor's Signature	W. L	20 L	In		Date 1.15.2003			
Amesbury Residence: City	MA State	Cou		SA	USA Citizenship			
Mailing Address: 356 Main Street								
Amesbury city	MA State	ZIP	019	913	USA Country			
Name of Additional Joint Invent	or, if any:			A petition h	nas been filed for this unsigned inventor			
Given Name (first and middle [if any])	Andrew	'		Family Name or Surname	Ziegler			
Inventor's Signature	- Trank	1		•	Date 1(15(03			
Arlington Residence: City	State MA	Cou		SA	USA Citizenship			
Mailing Address: 11 Cedar Avenu	ıe							
Arlington	MA State	ZIP	02	476	USA			
Name of Additional Joint Invent	or, if any:			A petition i	nas been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname				
Inventor's Signature					Date			
Residence: City	State	Cou	ntry		Citizenship			
Mailing Address:								
City	State	ZIP			Country			

DECLARATIO	N FOR UTILITY OR	Attorney D cket Nun	000166.0109-US01						
	ESIGN	First Named Inv nto	<u>- </u>	David Edwards					
•	APPLICATION	C	OMPLE	TE IF	KNOWN				
(37 (CFR 1.63)	Application Number	6						
Declaration	X Declaration	Filing Date	Octob	2002					
Submitted Submitted after Initial Submitted Submitted Submitted after Initial Submitted Initial Submit		Art Unit	urt Unit N/A						
Filing	(37 CFR 1.16 (e)) required)	Examiner Name	Not Y	et Ass	igned				
As the below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: INHALATION DEVICE AND METHOD									
	(1	ītle of the Invention)							
the specification of w									
is attached here	eto .								
OR x was filed on	10/10/2002 as Unit	ed States Application Nun	nber or f	PCT Inte	emational App	lication No.			
10/268,05	9 and was amended on					(if applicable).			
	e reviewed and understand the comment specifically referred to about		ified spe	cification	on, including th	e claims, as			
continuation-in-part appl	to disclose information which is r ications, material information whi mational filing date of the continu	ch became available betw							
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.									
Prior Foreign Application	Country	Foreign Filing Date (MM/DD/YYYY)	Prior Not Cla			opy Attached?			
Number(s)	Country	(minusuri (1)			YES				
Additional foreig	n application numbers are listed	on a supplemental priority	data sh	eet PT	O/SB/02B attac	ched hereto:			

DECLARATION — Utility or Design Patent Application									
Direct all corre		omer Number ir Code Label	26853 OR				OR Correspondence address below		
Name	COVINGTON & BURL	ING							
Address	1201 Pennsylvania Av	enue, NW							
City	Washington State DC ZIP 20004-2401								
Country	JSA	Telephone	202.6	62.6	000		Fax 202.662.6291		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF S	OLE OR FIRST INVENTOR	:			A petition has been filed for this unsigned inventor				
Given Name (first and mid	Given Name David (first and middle [if any])					ily Name urname	Edwards		
inventor's Signature				Date					
Residence: C	Boston ity	MA State	Country	_	USA USA ·				
Mailing Address:	171 Commonwealth	Avenue, Unit	:3						
City	Boston	MA State	ZIP	02	116		USA		
	ECOND INVENTOR:					A petition h	has been filed for this unsigned inventor		
Given Name (first and mid	dle [if any])	Colleen	<u>_</u>			ily Name urname	Conlon		
Inventor's Signature							Date		
Residence: C	Somerville	MA State Countr			USA		USA		
Mailing Address:	108 Puritan Road								
City ."	Somerville	MA State	ZIP	02°	145		USA Country		
	ional inventors are being named	on the 3	supplem	nental A	Additio	onal Inventor	r(s) sheet(s) PTO/SB/02A attached hereto.		

Please type a plus sign (+) inside this box—	→ 🕒	
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PTO/SB/02A (11-00) Approved for use through 10/31/2002. OMB 0651-0032

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DECLARATION					ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 3			
Name of Ad	ditional Joint Invento	r, if any:			8		A petition I	nas been filed for this unsigned inventor
Given Name (first and mid	Given Name David L.						ily Name urname	Foshee
Inventor's Signature								Date
Residence: C	Apex	N(State	2	Cou	_	ISA		USA Citizenship
Mailing Address:	2450 Laura Dun	can Road						
City	Apex	N(State	C	ZIP	27	'523		USA
Name of Ad	ditional Joint Invento	r, if any:					A petition I	nas been filed for this unsigned inventor
Given Name (first and mid	dle [if any])	Ja	son R.				ily Name urname	Durkin
Inventor's Signature				-				Date
Residence: C	Apex	N(State	С	Cou	-	SA		USA Cittzenship
Mailing Address: 2450 Laura Duncan Road								
City	Apex	N(State	C	ZIP	27	523		USA Country
Name of Ad	Iditional Joint Invento	r, if any:					A petition h	nas been filed for this unsigned inventor
Given Name (first and mid	(die (if any))	· · · · · ·	Tim				ily Name urname	Coker
Inventor's Signature								Date
	errimack	NI State	Н	Cou		ISA		USA Citizenship
Mailing Address:	2 Landau Way			,		•		
City	errimack	NI State	Н	ZIP	03	054		USA
Name of Ac	Iditional Joint Invento	or, if any:					A petition i	nas been filed for this unsigned inventor
Given Name	idie fif aby) (F	Cevin				nily Name	Stapleton
Inventor's Signature		A E						Date 14-Jan-03
	Boston	M. State	A	Cou	ntry	ISA		Canada Citizenship
Mailing Address:	266 Shawmut A Apartment 3		artment					
City	Boston	M State	A	ZIP	. 02	2118		USA

PTO/SB/02A (11-00) 1/2002. OMB 0651-0032 IMENT OF COMMERCE valid OMB control number

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DECLARATION ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 3					Supplemental Sheet			
Name of Ad	Iditional Joint Invento	or, if any:					A petition I	has been filed for this unsigned inventor
Given Name (first and mid	Idle (if any))	5	Sarah				ily Name	Dreesen
Inventor's Signature								Date
	Medford	M. State	Α	Cou	_	SA		USA Citizenship
Mailing Address:	527 Main Street		0		<u> </u>			
City	Medford	M. State	Α ,	ZIP	02	155		USA
Name of Ad	ditional Joint Invento	r, if any:		-			A petition f	has been filed for this unsigned inventor
Given Name (first and mid	dle (if any])		Mark				ily Name urname	DeLong
Inventor's Signature								Date
	Newton lity	M. State	Α .	Cou	_	SA		USA Citizenship
Mailing Address:	Mailing 266 Grove Street Apartment 9							
City	Newton	State M.	A	ZIP	02	466		USA
Name of Ad	ditional Joint Invento	r, if any:					A petition I	nas been filed for this unsigned inventor
Given Name (first and mid	idle [if any])	Aı	ndrew				ily Name urname	Jones
Inventor's Signature								Date
	oslindale :ity	M. State	A	Cou		SA		USA Citizenship
Mailing Address:	112 Beech Stree	et						
City	oslindale	M. State	Α	ZIP	02	131		USA
Name of Ad	Iditional Joint Invento	or, if any:					A petition t	has been filed for this unsigned inventor
Given Name (first and mid	Idle (if anyl)	F	Ryan				ily Name urname	McManus
Inventor's Signature								Date
	ambridge	M. State	A	Cou		SA		USA Citizenship
Mailing Address:	220 Windsor Str							
City	ambridge	M. State	Ā	ZIP	02	139		USA

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	DECLAR	RATION			ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 3			
Name of A	dditional Joint Inve	ntor, if any:		<u> </u>		A petition	has been filed for this unsigned inventor	
Given Name (first and mi	ddle [if any])	Marga	aret Millar			mily Name Surname	Saunders	
Inventor's Signature							Date	
Residence:	ambridge City	M/ State	Α	Country	JSA		USA Citizenship	
Mailing Address:	P.O. Box 4254	410						
City	ambridge	State M/	MA 02142 State ZIP			2	USA	
Name of A	dditional Joint Inve	ntor, if any:				A petition	has been filed for this unsigned inventor	
Given Name (first and mic		Rot	ert W.			nily Name Surname	Spaller	
Inventor's Signature				-			Date	
A Residence: (mesbury City	State MA	4	Country	JSA		USA Citizenship	
Mailing Address:	356 Main Stre	et						
A City	mesbury	State MA		ZIP 0	1913	1	USA	
Name of A	dditional Joint Inve	ntor, if any:				A petition I	has been filed for this unsigned inventor	
Given Name (first and mic		Ar	ndrew			nily Name Surname	Ziegler	
Inventor's Signature							Date	
Residence:	Arlington	State MA	4	Country	JSA		USA Citizenship	

02476

Family Name or Surname

ZiP

Country

ZIP

USA

Country

Citizenship

Country

A petition has been filed for this unsigned inventor

Mailing Address:

City

Inventor's Signature

Mailing Address:

City

Residence: City

11 Cedar Avenue

Name of Additional Joint Inventor, if any:

MA

State

State

Arlington

Given Name (first and middle [if any])

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple

James M. Frates, Vice President

2002

forms are submitted.

30

forms if more than one signature is required. See below*

Name

Signature Date

*Total of

STATEMENT UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: David Edwards, et al.
Application No./Patent No.: 10/268,059 Filed/Issue Date: October 10, 2002
Entitled: INHALATION DEVICE AND METHOD
Advanced Inhalation Research, Inc. , a Corporation (Name of Assignee) Type of Assignee, e.g., corporation, partnership, university, government
states that it is:
1. x the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is %
in the patent application/patent identified above by virtue of either:
A. [x] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel
Frame , or for which a copy thereof is attached.
B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:
1. From: To:
The document was recorded in the United States Patent and Trademark Office at .
Reel, Frame, or for which a copy thereof is attached.
2. From: To:
The document was recorded in the United States Patent and Trademark Office at
Reel , Frame , or for which a copy thereof is attached.
3. From: To:
The document was recorded in the United States Patent and Trademark Office at
Reel , Frame , or for which a copy thereof is attached.
[] Additional documents in the chain of title are listed on a supplemental sheet.
[x] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.
36 Dec 2002 James M. Frates
Date , Typed or printed name
Jan M. fter
Signature
Vice President Title

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this day of,, by
David Edwards, residing at 171 Commonwealth Avenue, Unit 3, Boston, Massachusetts
02116; this day of,, by Colleen Conlon, residing at 108
Puritan Road, Somerville, Massachusetts 02145; this day of,
, by David L. Foshee, 2450 Laura Duncan Road, Apex, North Carolina 27523; this
day of,, by Jason R. Durkin, 2450 Laura Duncan Road,
Apex, North Carolina 27523; this day of,, by Tim Coker.
residing at 2 Landau Way, Merrimack, New Hampshire 03054; this day of
,, by Kevin Stapleton, residing at 266 Shawmut Avenue, Apartment 3,
Boston, Massachusetts 02118; this day of,, by Sarah
Dreesen, residing at 527 Main Street, Medford, Massachusetts 02155; this day of
,, by Mark DeLong, residing at 266 Grove Street, Apartment 9,
Newton, Massachusetts 02466; this day of,, by Andrew
Jones, residing at 112 Beech Street, Roslindale, Massachusetts 02131; this day of
,, by Ryan McManus, residing at 220 Windsor Street, #1, Cambridge,
Massachusetts 02139; this day of,, by Margaret M.
Saunders, P.O. Box 425410, Cambridge, Massachusetts 02142; this day of
,, by Robert W. Spaller, residing at 356 Main Street, Amesbury,
Massachusetts 01913; and this day of,, by Andrew Ziegler,
residing at 11 Cedar Avenue, Arlington, Massachusetts 02476, (hereinafter referred to as
Assignors);

WHEREAS, Assignors have invented certain new and useful improvements in INHALATION DEVICE AND METHOD, set forth in a Patent application for Letters Patent of the United States, already filed on October 10, 2002 as U.S. application No. 10/268,059; and

WHEREAS, Advanced Inhalation Research, Inc., a Corporation organized under and pursuant to the laws of United States of America having its principal place of business at 840 Memorial Drive, Cambridge, Massachusetts 02139 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said

Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said

inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

COVINGTON & BURLING

Paul J. Berman	36,744	David P. Ruschke	40.151	Joseph E. Topmiller	50.580
Scott B. Markow	46.899	Christopher N. Sipes	39.837	Grady L. White	40.874
Jeannie M. Perron	31.180	Lee J. Tiedrich	42.184	Anthony S. Yoo	45.540
Andrea G. Reister	36,253	200 01 11021102	,		,.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

•				
		_		David Edwards
Date:				
United States of Am	nerica))		
State of	·.)	ss.:		
County of))		
On this	day of		,	, before me
personally came	David Edwa	ırds	, to me kno	own to be the individual
described in and wh	o executed the forego	oing Assign	nment, and ack	nowledged execution
of the same.				•
		-		
		N	Notary Public	

		C	Colleen Conlon
Date:			
United States of Am	nerica)		
State of) ss.:		
County of)		
On this	day of	,	, before me
personally came	Colleen Conion	, to me kno	wn to be the individual
described in and wh of the same.	o executed the foregoing Ass	ignment, and ack	nowledged execution
		Notary Public	

David L. Foshee

Date: 01-31-C)3		
United States of Americ State of North Co County of Wake	arolina) ss.:		
personally came	day of January David L. Foshee Recuted the foregoing Assi	, to me known to be	the individual
of the same.		Sisa ay	Barlow
		Notary Public Commission Ma	
	•	Mar	27,2006

Jason R. Durkin

Date: 01-31-03	•
United States of America State of North Carolina) ss.: County of Wake	
On this 3157 day of Jason R. Durkin described in and who executed the foregoing A of the same.	, to me known to be the individual
of the same.	Lioa a Barlown Notary Public
·	Commission Expires May 9,2006

			Tim Coker
Date:			
United States of America)		
State of) ss.:		
County of)		
On this day of		,,	, before me
personally came	Tim Coker	, to me kno	own to be the individual
described in and who executed	the foregoing Assig	gnment, and ack	cnowledged execution
of the same.			-
			·
		Notary Public	

		Kevin Stapleton
Date:		
United States of Am	nerica)	
State of) ss.:	
County of)	
On this	day of	, before me
personally came	Kevin Stapleton	, to me known to be the individual
described in and who of the same.	o executed the foregoing As	ssignment, and acknowledged execution
·		
	•	Notary Public

	•	Sar	rah Dreesen
Date:			
United States of Arr	nerica)		
State of) ss.:		
County of)		
On this	day of	y	, before me
personally came	Sarah Dreesen	, to me knowr	to be the individual
described in and wh	o executed the foregoing Ass		
of the same.			_
		Notary Public	

		Mark DeLong
erica)		
) :	ss.:	
)		
day of	,	, before me
Mark DeLon	ig , to m	ne known to be the individual
executed the forego	ing Assignment, ar	nd acknowledged execution
	Notary Pu	li.
)day ofMark DeLon	day of, to n executed the foregoing Assignment, an

			Andrew Jones
Date:			
United States of Arr	nerica)		
State of) ss.:		
County of)		
On this	day of	,	, before me
personally came	Andrew Jones	, to me kno	wn to be the individual
described in and wh	o executed the foregoing Ass	ignment, and ack	nowledged execution
of the same.			
		Notary Public	
		NOTALLY PROFICE	

•		
		Ryan McManus
Date:		
United States of Arr	nerica)	
State of) ss.:	
County of)	
On this	day of	,, before me
personally came	Ryan McManus	, to me known to be the individual
described in and wh	o executed the foregoing	Assignment, and acknowledged execution
of the same.		
		·
	• 0	
	•	Notary Public

		Margar	ret M. Saunders
Date:			
United States of An	nerica)		
State of) ss.:		
County of)		
On this	day of	,	, before me
personally came	Margaret M. Saunders	, to me known	to be the individual
described in and who of the same.	o executed the foregoing Assig		
		•	
	Ī	Notary Public	

		R	Robert W. Spaller
Date:			
United States of Am	erica)		
State of) ss.:		
County of)		
On this	day of	<u>,</u>	, before me
personally came	Robert W. Spaller	, to me kn	own to be the individual
described in and who	o executed the foregoing Assi	gnment, and acl	knowledged execution
		Notary Public	

		Andrew Ziegler
Date:		
United States of Am	nerica)	
State of) ss.:	
County of)	
On this	day of	, before me
personally came	Andrew Ziegler	, to me known to be the individual
described in and wh	o executed the foregoing A	Assignment, and acknowledged execution
of the same.		•
		Notary Public
·		Notary Public

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this day of,, by
David Edwards, residing at 171 Commonwealth Avenue, Unit 3, Boston, Massachusetts
02116; this day of,, by Colleen Conlon, residing at 108
Puritan Road, Somerville, Massachusetts 02145; this day of
, by David L. Foshee, 2450 Laura Duncan Road, Apex, North Carolina 27523; this
day of,, by Jason R. Durkin, 2450 Laura Duncan Road,
Apex, North Carolina 27523; this day of,, by Tim Coker.
residing at 2 Landau Way, Merrimack, New Hampshire 03054; this day of
,, by Kevin Stapleton, residing at 266 Shawmut Avenue, Apartment 3,
Boston, Massachusetts 02118; this day of,, by Sarah
Dreesen, residing at 527 Main Street, Medford, Massachusetts 02155; this day of
,, by Mark DeLong, residing at 266 Grove Street, Apartment 9,
Newton, Massachusetts 02466; this day of,, by Andrew
Jones, residing at 112 Beech Street, Roslindale, Massachusetts 02131; this day of
,, by Ryan McManus, residing at 220 Windsor Street, #1, Cambridge,
Massachusetts 02139; this day of,, by Margaret M.
Saunders, P.O. Box 425410, Cambridge, Massachusetts 02142; this day of
,, by Robert W. Spaller, residing at 356 Main Street, Amesbury,
Massachusetts 01913; and this day of,, by Andrew Ziegler,
residing at 11 Cedar Avenue, Arlington, Massachusetts 02476, (hereinafter referred to as
Assignors);

WHEREAS, Assignors have invented certain new and useful improvements in INHALATION DEVICE AND METHOD, set forth in a Patent application for Letters Patent of the United States, already filed on October 10, 2002 as U.S. application No. 10/268,059; and

WHEREAS, Advanced Inhalation Research, Inc., a Corporation organized under and pursuant to the laws of United States of America having its principal place of business at 840 Memorial Drive, Cambridge, Massachusetts 02139 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said

Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said

inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

COVINGTON & BURLING

Paul J. Berman	36,744	David P. Ruschke	40,151	Joseph E. Topmiller	50,580
Scott B. Markow	46,899	Christopher N. Sipes	39,837	Grady L. White	40.874
Jeannie M. Perron	31,180	Lee J. Tiedrich	42,184	Anthony S. Yoo	45,540
Andrea G. Reister	36,253				

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

	David Edwards
Date: 1/7/03	
United States of America	
State of Musicy Lusites) ss.:	
County of Middle sex	
On this 7th day of Muma	$\sqrt{}$, 2003 , before me
personally came David Edwards	o, to me known to be the individual
described in and who executed the foregoing Ass	ignment, and acknowledged execution
of the same.	Luidi a Svall
	Notary Public

	Letter Low Cool
	Colleen Conlon
Date: $1/7/03$	
United States of America State of Malachusetts ss.: County of Middless The County of Management of the County of Management of the County of Management of the County o	
On this day of Collect Conlon described in and who executed the foregoing As of the same.	, to me known to be the individual
	Notary Public CINDY A. SRAGG Notary Public My Commission Expires January 23, 2009

		D	avid L. Foshee
Date:			
United States of An	nerica)		
State of) ss.:			
County of			
On this	day of	. 1	, before me
personally came	David L. Foshee	, to me know	vn to be the individual
described in and wh	o executed the foregoing Assi	gnment, and ackr	lowledged execution
of the same.		•	9
			•
		Notary Public	

		Ja	son R. Durkin
Date:			
United States of Am	nerica)		
State of) ss.:		
County of)		
On this	day of	,	, before me
personally came	Jason R. Durkin	, to me know	vn to be the individual
described in and wh of the same.	o executed the foregoing Ass	ignment, and ackn	owledged execution
or the same.			
		Notary Public	

·	Join Coffee
	Tim Coker
Date: $\frac{1}{703}$	
United States of America State of Musicipulation (State of Musicipulation) ss.: County of Maddistrict (State of America)	
On this day of CLUCIST personally came Tim Coker	, to me known to be the individual
described in and who executed the foregoing Assi of the same.	gnment, and acknowledged execution
or the sume.	Vivaloral
	Notary Public /

		Ke	vin Stapleton
Date:			
United States of Ame	erica)		
State of) ss.:		
County of)		
On this	day of	,	, before me
personally came	Kevin Stapleton	, to me know	n to be the individual
described in and who	executed the foregoing Ass		
of the same.			
			•
			<u> </u>
		Notary Public	

	Sarah Dreesen
Date: 1/7/03	
United States of America)	·
State of Munacipalts) ss.:	
County of Willes	•
On this day of Janua	, before me
personally came Sarah Dreesen	, to me known to be the individual
described in and who executed the foregoing As	signment, and acknowledged execution
of the same.	Candy a Srail
	Notary Public
	/ 1 1

000166.0109-US01

	Mark DeLong
Date: $\sqrt{7/03}$	
United States of America	·
State of Masky durants) ss.:	
County of Middlesex)	
On this day of Januar	
personally came Mark DeLong	, to me known to be the individual
described in and who executed the foregoing As	
of the same.	Quidy a Snagg
	Notary Public /

		Andrew Jones
Date:		
United States of Ame	erica)	
State of) ss.:	
County of	<u> </u>	
On this	day of	, before me
personally came	Andrew Jones	, to me known to be the individual
described in and who of the same.	executed the foregoing Assi	gnment, and acknowledged execution

		Ryan McManus
Date:		
United States of An	nerica)	•
State of) ss.:	
County of		
On this	day of	, before me
personally came	Ryan McManus	, to me known to be the individual
described in and wh	o executed the foregoing As	signment, and acknowledged execution
of the same.	-, -	-
	•	N
	•	Notary Public

		Margaret	M. Saunders
Date:			
United States of Am	ierica)		
State of) ss.:		•
County of			
On this	day of	,	, before me
personally came	Margaret M. Saunders	, to me known to	be the individual
described in and wh	o executed the foregoing As	signment, and acknowl	edged execution
of the same.			•
		Motor, Dublin	
		Notary Public	

·		Ro	bert W. Spaller
Date:	T		
United States of Am	erica)		
State of) ss.:		
County of)		
On this	day of	,	, before me
ersonally came	Robert W. Spaller	, to me know	wn to be the individual
lescribed in and who of the same.	executed the foregoing Assi	gnment, and ackr	nowledged execution
lescribed in and who		, to me know gnment, and ackr	wn to be the in
	•	Notary Public	

		Andrew Ziegler
Date:		
United States of Am	nerica)	
State of) ss.:	
County of)	
On this	day of	, before me
personally came	Andrew Ziegler	, to me known to be the individual
described in and who of the same.		ignment, and acknowledged execution
		•
		Notary Public

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this day of,, by
David Edwards, residing at 171 Commonwealth Avenue, Unit 3, Boston, Massachusetts
02116; this day of,, by Colleen Conlon, residing at 108
Puritan Road, Somerville, Massachusetts 02145; this day of,
, by David L. Foshee, 2450 Laura Duncan Road, Apex, North Carolina 27523; this
day of,, by Jason R. Durkin, 2450 Laura Duncan Road,
Apex, North Carolina 27523; this day of,, by Tim Coker.
residing at 2 Landau Way, Merrimack, New Hampshire 03054; this day of
,, by Kevin Stapleton, residing at 266 Shawmut Avenue, Apartment 3,
Boston, Massachusetts 02118; this day of,, by Sarah
Dreesen, residing at 527 Main Street, Medford, Massachusetts 02155; this day of
,, by Mark DeLong, residing at 266 Grove Street, Apartment 9,
Newton, Massachusetts 02466; this 15 day of January, 2003, by Andrew
Jones, residing at 112 Beech Street, Roslindale, Massachusetts 02131; this/S_ day of
January, 2003, by Ryan McManus, residing at 220 Windsor Street, #1, Cambridge,
Massachusetts 02139; this/S day of _laway, _2\infty3, by Margaret M.
Saunders, P.O. Box 425410, Cambridge, Massachusetts 02142; this day of
<u>January</u> , <u>2003</u> , by Robert W. Spaller, residing at 356 Main Street, Amesbury,
Massachusetts 01913; and this _/5 day of January, 2003, by Andrew Ziegler,
residing at 11 Cedar Avenue, Arlington, Massachusetts 02476, (hereinafter referred to as
Assignors);

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Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

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Jeannie M. Perron	31,180	Lee J. Tiedrich	42,184	Anthony S. Yoo	45,540
Andrea G. Reister	36.253				

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

			David Edwards
Date:			
United States of Arr	nerica)		
State of) ss.:		
County of)		
On this	day of	,	, before me
personally came	David Edwards	, to me kno	wn to be the individual
	o executed the foregoing Ass	ignment, and ack	nowledged execution
of the same.			
		Notary Public	

		Col	leen Conlon
Date:			
United States of Am	nerica)		
State of) ss.:		
County of)		
On this	day of	,	, before me
personally came	Colleen Conlon	, to me knowr	to be.the individual
	o executed the foregoing Assi	ignment, and acknow	wledged execution
of the same.			
		Notary Public	

·		David L. Foshee
Date:		
United States of Am	nerica)	
State of) ss.:	
County of)	
On this	day of	,, before me
personally came	David L. Foshee	, to me known to be the individual
described in and wh	o executed the foregoing A	ssignment, and acknowledged execution
of the same.		· .
		Notary Public

On this day of , , be personally came Jason R. Durkin , to me known to be the in	•		J	ason R. Durkin
State of) ss.: County of) On this day of,, be personally came Jason R. Durkin, to me known to be the in	Date:			
On this day of,, be personally came Jason R. Durkin, to me known to be the in	United States of Am	ierica)		
personally came Jason R. Durkin , to me known to be the in	State of) ss.:		
	County of)		
· · · · · · · · · · · · · · · · · · ·	On this	day of	,,	, before me
described in and who executed the foregoing Assignment, and acknowledged ex-	personally came	Jason R. Durkin	, to me kno	own to be the individual
generation in and wife expenses are relationally residentially and action tealers evi	described in and wh	o executed the foregoing Ass		
of the same.		.		
		•	Notary Public	

				Tim Coker
Date:		···-		
United States of Am	ierica)	•	·
State of) ss.:		•
County of)		
On this	day of		,	, before me
personally came	Tim	Coker	, to me kr	nown to be the individual
described in and wh	o executed the	foregoing As	signment, and ac	knowledged execution
of the same.				
			Notary Public	

		Ke	vin Stapleton
Date:			
United States of Am	nerica)		
State of) ss.:		
County of)		
On this	day of	, ·	, before me
personally came _	Kevin Stapleton	, to me know	n to be the individual
described in and who of the same.	o executed the foregoing Ass	ignment, and ackno	owledged execution
			•
	•	Notary Public	

	•		Sarah Dreesen
Date:			
United States of Am	erica)	·	
State of) ss.:		
County of			
On this	day of		hafaraa
personally came	Sarah Dreesen	to me kno	, before me with to be the individual
· · · · · · · · · · · · · · · · · · ·	o executed the foregoing A		
of the same.			
		Notary Public	

				Mark DeLong	
Date:	·				
United States of An	nerica)			
State of) ss.:			
County of)			
On this	day of		. ,	, before me	
personally came	Mark DeL	ong	, to me kno	wn to be the individual	
described in and who of the same.	o executed the foreg	going Ass	ignment, and ack	nowledged execution	
of the same.				·	
			Notary Public		

Andrew Jones

٠

Ryan McMan	us
Date: 1/15/03	
United States of America	
State of Mas sach sells.	
County of middlesup)	•
On this 15 Tay of JAn any 2003, b	efore me
personally came Ryan McManus, to me known to be the	individual
described in and who executed the foregoing Assignment, and acknowledged e	xecution
of the same.	4/
Notary Public	

Margaret M. Saunders

Date: 1/15/03
United States of America State of Massachuells) ss.: County of Middles ()
On this

Robert W. Spaller

Date:
United States of America
State of MASSACHUE (Diss.:
County of middlesee)
On this $1 \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} day$ of $\int_{-\infty}^{\infty} A - A - A = 2$, before me
personally came Robert W. Spaller, to me known to be the individual
described in and who executed the foregoing Assignment, and acknowledged execution
of the same.
Notary Public

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this day of,, by
David Edwards, residing at 171 Commonwealth Avenue, Unit 3, Boston, Massachusetts
02116; this day of,, by Colleen Conlon, residing at 108
Puritan Road, Somerville, Massachusetts 02145; this day of,
, by David L. Foshee, 2450 Laura Duncan Road, Apex, North Carolina 27523; this
day of,, by Jason R. Durkin, 2450 Laura Duncan Road,
Apex, North Carolina 27523; this day of,, by Tim Coker.
residing at 2 Landau Way, Merrimack, New Hampshire 03054; this day of
,, by Kevin Stapleton, residing at 266 Shawmut Avenue, Apartment 3,
Boston, Massachusetts 02118; this day of,, by Sarah
Dreesen, residing at 527 Main Street, Medford, Massachusetts 02155; this day of
,, by Mark DeLong, residing at 266 Grove Street, Apartment 9,
Newton, Massachusetts 02466; this day of,, by Andrew
Jones, residing at 112 Beech Street, Roslindale, Massachusetts 02131; this day of
,, by Ryan McManus, residing at 220 Windsor Street, #1, Cambridge,
Massachusetts 02139; this day of,, by Margaret M.
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,, by Robert W. Spaller, residing at 356 Main Street, Amesbury,
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COVINGTON & BURLING

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Scott B. Markow	46,89 9	Christopher N. Sipes	39,837	Grady L. White	40.874
Jeannie M. Perron	31,180	Lee J. Tiedrich	42,184	Anthony S. Yoo	45,540
Andrea G. Reister	36,253				

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

		David Edwards
Date:		
United States of Am	nerica)	
State of) ss.:	•
County of)	
On this	day of	, before me
personally came	David Edwards	, to me known to be the individual
described in and wh	o executed the foregoing As	signment, and acknowledged execution
of the same.		-
•		
		Notary Public

		Colleen Conlon
Date:		it.
United States of Am	nerica)	•
State of) ss.:	
County of)	
On this	day of	, before me
personally came	Colleen Conlon	, to me known to be the individual
described in and wh	o executed the foregoing A	Assignment, and acknowledged execution
of the same.	-	
		·
		Notary Public

	^		
		Da	vid L. Foshee
Date:			
United States of Am	nerica)		
State of) ss.:		
County of)		
On this	day of	,,	, before me
personally came	David L. Foshee	, to me know	n to be the individual
described in and who of the same.	o executed the foregoing Assi	ignment, and acknowledge	owledged execution
			•
		Notary Public	

			Jason R. Durkin
Date:			
United States of Am	nerica)		
State of) ss.:		
County of)		
On this	day of	· ,	, before me
personally came	Jason R. Durkin	, to me kn	own to be the individual
described in and who of the same.	o executed the foregoing	Assignment, and ac	knowledged execution
		Notary Public	

			Tim Coker
Date:			
United States of Ame	rica)		
State of) ss.:		
County of)		
On this	day of		, before me
personally came	Tim Coker	, to me know	wn to be the individual
described in and who	executed the foregoing Ass		
of the same.			
	·		
		Notary Public	



Date: 27-Jan-03	
United States of America)	
State of Washington) ss	:
County of Vine (
On this 27th day of JANUS personally came Kevin Stapleton	
described in and who executed the foregoin	g Assignment, and acknowledged execution
of the same.	
	BAbas & Walton
	Notary Public //

Notary Public State of Washington BARBARA J. DALTON My Appointment Expires Sep 26, 2006

			Sarah Dreesen
Date:	·	•	,
United States of Am	nerica)		-
State of) ss.:		
County of)	-	
On this	day of	<u> </u>	, before me
personally came	Sarah Dreesen	, to me kno	wn to be the individual
described in and wh	o executed the foregoing Ass	signment, and ack	nowledged execution
of the same.			
	-	•	,
		Notary Public	

		Mark DeLong
Date:		
United States of Am	nerica)	
State of) ss	s.:
County of)	
,		
On this	day of	, before me
personally came	Mark DeLong	, to me known to be the individual
described in and wh	o executed the foregoin	ng Assignment, and acknowledged execution
of the same.	-	
		·
		Notary Public

Date:		Andrew Jones
United States of Am		
State of		
County of) ss.:)	
On this	day of	, before me
personally came	Andrew Jones	, to me known to be the individual
described in and wh of the same.	o executed the foregoing A	Assignment, and acknowledged execution
		Notary Public

		Ryan McManus
Date:		•
United States of Ame	піса)	
State of) ss.:	
County of)	
On this	day of	, , before me
personally came	Ryan McManus	, to me known to be the individual
described in and who of the same.	executed the foregoing As	ssignment, and acknowledged execution
or are same.		
		Notary Public

Date:		Margare	et M. Saunders
United States of America			
State of)) ss.:		
County of			
On this da	y of	•	, before me
personally came N	largaret M. Saunders	, to me known	to be the individual
described in and who exec of the same.	uted the foregoing Assig	mment, and acknow	ledged execution

		. Robert W. Spaller	
Date:			
United States of An	nerica)		
State of) ss.:		
County of)		
On this	day of	,	, before me
personally came	Robert W. Spaller	, to me kno	wn to be the individual
described in and who of the same.	o executed the foregoing Assi	gnment, and ackr	nowledged execution
or the same.			
		Notary Public	

		Andrew Ziegler	
Date:			
United States of An	nerica)		
State of) ss.:	•	
County of)		•
On this	day of	,	, before me
personally came	Andrew Ziegler	, to me know	wn to be the individual
described in and wh	o executed the foregoing Assi	gnment, and ackr	nowledged execution
of the same.			
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<u> </u>
		Notary Public	•